

**What is claimed is:**

1. A fryer comprising:

an oil vessel for containing cooking oil;

a heating means for heating the cooking oil in the oil vessel;

a heat controlling means for setting the cooking oil at the predetermined temperature by controlling the heating means;

a temperature sensor for detecting a temperature of the cooking oil, and

a display portion for displaying the temperature of the cooking oil and the like,

wherein based on the predetermined temperature the oil temperature is classified into three ranges: the most desirable temperature range for cooking, temperature ranges capable of cooking excluding the above range, temperature ranges in which a start of cooking is prohibited, and wherein the display portion displays the temperature range into which the oil temperature detected by the temperature sensor is classified.

2. A fryer as claimed in claim 1, wherein the display portion also displays the difference between the predetermined temperature and the oil temperature detected by the temperature sensor.

3. A fryer as claimed in claim 1, wherein a display form of the temperature ranges in which a start of cooking is